

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L16	11	"20030112737"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/08 13:50
L17	1	10/590738	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L18	1065	(koda near2 takeshi) (kazuo near2 kuroda)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L19	73	(controlling near2 device) and (buffer near2 area) and (recording near2 layer) and (predetermined) and circumferential	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L20	72653	"369"/\$	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L21	47	L18 and L19 and L20	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L22	7961	(variable vary\$4 changeable chang\$4) with (buffer guard) with (area zone field section)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03

L23	517	L20 and L22	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L24	1563312	(double dual second two multi) with layer	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L25	98	L23 and L24	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L26	1259	(variable vary\$4 changeable chang\$4) near5 buffer near2 (area zone field section)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L27	99	L20 and L26	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L28	8154	(increas\$4 add\$4 creat\$4 form generat\$4) near5 buffer near2 (area zone field section)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L29	310	L20 and L28	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L30	118	L24 and L29	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L31	8533	(increas\$4 creat\$4 record \$4 writ\$4) near5 buffer near2 (area zone field section)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03

L32	1257	L20 and L31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L33	419	L32 and L24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L34	13608	(first near3 layer) same (second near3 layer) same buffer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L35	36	outer near2 circumferential	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L36	0	L34 and L35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L37	135990	outer near2 circumferential	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L38	95	L34 and L37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L39	174318	(buffer dummy) near2 data	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L40	36	L37 with L39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03

L41	20	L34 and L40	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L42	776073	circumferential	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L43	59	L39 with L42	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L44	1386113	(buffer dummy)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L45	476	L37 with L44	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L46	28	L34 and L45	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L47	488965	(first near3 layer) same (second near3 layer)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L48	66	L45 and L47	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L49	1268985	outer near2 (circumferential edge boundary circumference peripher\$3 threshold)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03

L50	1327130	(outer outermost outlying outmost outward exterior) near2 (circumferential edge boundary circumference peripher\$3 threshold)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L51	4540	L44 with L50	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L52	539	L47 and L51	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L53	107	L39 and L52	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L54	814	(lead near2 out) with (buffer dummy)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L55	42	L34 and L54	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L56	1577	first near2 lead near2 in	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L57	203400	(final\$4 clos\$4) with (disc disk)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L58	0	L56 and L57 and L54	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03

L59	28	L56 and L57	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L60	4067794	(record\$4 writ\$4)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L61	10634	L44 and L60 and L57	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L62	679	L49 same L44 same L60	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L63	194024	(buffer dummy) near2 (data zone area)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L64	179	L47 and L62	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L65	3	("2004/0125738").URPN.	USPAT	OR	OFF	2011/03/08 14:03
L66	15	("20010033517" "20020041550" "20020080706" "20030048727" "20030133376" "20030227846" "20040125738" "20050207262" "20050219979" "20060007847" "20060072408" "6577571" "6700843" "6862256" "7142495"). PN.	US_PGPUB; USPAT; USOCR	OR	OFF	2011/03/08 14:03

L67	31	buffer same (test near2 zone) same (lead near2 out) same (defect near2 management near2 zone)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/08 14:03
L68	146852	((buffer dummy) near2 (area zone sector data))	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/08 14:03
L69	562	L50 same L68	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/08 14:03
L70	164	L57 and L60 and L69	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/08 14:03
L71	16	border same finaliz\$4 same buffer	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/08 14:03
L72	28964	((increas\$4 add\$4) with ((buffer dummy) near2 (area zone sector data)))	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/08 14:03
L73	544	L72 and L57 and L50	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/08 14:03
L74	489	((first near2 lead near2 out) and (second near2 lead near2 out))	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/08 14:03
L75	0	L73 and L74	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/08 14:03
L76	88	L63 and L74	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/08 14:03
L77	12	multisession and (final\$4 near2 session) and ((buffer dummy) same (lead near2 out))	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/08 14:03
L78	16	multisession and (final\$4 clos\$4) and ((buffer dummy) same (lead near2 out))	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/08 14:03
L79	50	((first near2 session) and (final\$4 clos\$4) and ((buffer dummy) same (lead near2 out)))	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/08 14:03
L80	190	((first near2 session) and (final\$4 clos\$4) and L72)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/08 14:03
L81	60	((increas\$4 variable add \$4) with ((buffer dummy) near2 (area zone sector data))) same (lead near2 out)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/08 14:03
L82	58	((increas\$4 add\$4) with ((buffer dummy) near2 (area zone sector data))) same (lead near2 out)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/08 14:03

L83	11	multisession and (second near2 layer) and (dummy buffer)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L84	1327130	(outer outermost outlying outmost outward exterior) near2 (circumferential edge boundary circumference peripher\$3 threshold)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L85	0	multisession and ((dummy buffer) with L84)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L86	4540	((dummy buffer) with L84)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L87	11	(second near2 session) and L86	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L88	8	("20030081535" "5881032" "5966721" "6072759" "6370091" "6424614" "6801494" "7184377").PN.	US_PGPUB; USPAT; USOOR	OR	OFF	2011/03/08 14:03
L89	8222	((dummy buffer) same L84)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L90	12	(second near2 session) and L89	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/08 14:03
L91	236	(OTP (opposite near2 track near2 path)) and (middle near2 (data area)) and (dummy buffer) and (finalization finalize clos \$4)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/08 14:03

L92	178	(OTP (opposite near2 track near2 path)) and (middle near2 (data area)) and ((writ\$4 record\$4) near4 (dummy buffer)) and (finalization finalize clos\$4)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/08 14:03
S1	1	10/590738	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 12:04
S2	935	(koda near2 takeshi) (kazuo near2 kuroda)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 12:36
S3	40	(controlling near2 device) and (buffer near2 area) and (recording near2 layer) and (predetermined) and circumferential	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 12:39
S4	63464	"369"/\$	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 12:39
S5	28	S2 and S3 and S4	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 12:39
S6	6890	(variable vary\$4 changeable chang\$4) with (buffer guard) with (area zone field section)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 12:53
S7	467	S4 and S6	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 12:53

S8	1321680	(double dual second two multi) with layer	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 12:53
S9	84	S7 and S8	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 12:54
S10	1095	(variable vary\$4 changeable chang\$4) near5 buffer near2 (area zone field section)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 12:57
S11	87	S4 and S10	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 12:57
S12	7073	(increas\$4 add\$4 creat\$4 form generat\$4) near5 buffer near2 (area zone field section)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 14:05
S13	273	S4 and S12	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 14:06
S14	99	S8 and S13	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 14:06
S15	7286	(increas\$4 creat\$4 record \$4 writ\$4) near5 buffer near2 (area zone field section)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 14:32
S16	1081	S4 and S15	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 14:32

S17	326	S16 and S8	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/17 14:32
S18	11342	(first near3 layer) same (second near3 layer) same buffer	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:26
S19	36	outer near2 circumferential	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:27
S20	0	S18 and S19	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:27
S21	120333	outer near2 circumferential	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:27
S22	70	S18 and S21	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:27
S23	155436	(buffer dummy) near2 data	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:29
S24	31	S21 with S23	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:29
S25	17	S18 and S24	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:29

S26	707600	circumferential	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:32
S27	52	S23 with S26	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:32
S28	1226855	(buffer dummy)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:32
S29	418	S21 with S28	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:32
S30	24	S18 and S29	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:33
S31	425980	(first near3 layer) same (second near3 layer)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:33
S32	56	S29 and S31	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:33
S33	1152894	outer near2 (circumferential edge boundary circumference peripher\$3 threshold)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:36
S34	1206141	(outer outermost outlying outmost outward exterior) near2 (circumferential edge boundary circumference peripher\$3 threshold)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:37

S35	3967	S28 with S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:37
S36	440	S31 and S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:37
S37	96	S23 and S36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:37
S38	742	(lead near2 out) with (buffer dummy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:39
S39	36	S18 and S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:39
S40	1335	first near2 lead near2 in	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:58
S41	192917	(final\$4 clos\$4) with (disc disk)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:59
S42	0	S40 and S41 and S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:59
S43	26	S40 and S41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 15:59

S44	3678336	(record\$4 writ\$4)	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 16:13
S45	9528	S28 and S44 and S41	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 16:13
S46	609	S33 same S28 same S44	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 16:14
S47	172654	(buffer dummy) near2 (data zone area)	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 16:14
S48	145	S31 and S46	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 16:15
S49	2	("2004/0125738").URPN.	USPAT	OR	OFF	2009/10/28 16:17
S50	15	("20010033517" "20020041550" "20020080706" "20030048727" "20030133376" "20030227846" "20040125738" "20050207262" "20050219979" "20060007847" "20060072408" "6577571" "6700843" "6862256" "7142495"). PN.	US_PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:18
S51	28	buffer same (test near2 zone) same (lead near2 out) same (defect near2 management near2 zone)	US_PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:21
S52	128594	(buffer dummy) near2 (area zone sector data)	US_PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:22
S53	492	S34 same S52	US_PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:22

S54	141	S41 and S44 and S53	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:22
S55	14	border same final\$4 same buffer	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:27
S56	26052	((increas\$4 add\$4) with ((buffer dummy) near2 (area zone sector data)))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:28
S57	326	S56 and S41 and S34	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:30
S58	435	((first near2 lead near2 out) and (second near2 lead near2 out))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:33
S59	0	S57 and S58	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:33
S60	82	S47 and S58	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:34
S61	10	multisession and ((final\$4 near2 session) and ((buffer dummy) same (lead near2 out)))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:36
S62	14	multisession and ((final\$4 clos\$4) and ((buffer dummy) same (lead near2 out)))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:37
S63	42	((first near2 session) and (final\$4 clos\$4) and ((buffer dummy) same (lead near2 out)))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:39
S64	152	((first near2 session) and (final\$4 clos\$4) and S56	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:40
S65	53	((increas\$4 variable add \$4) with ((buffer dummy) near2 (area zone sector data))) same (lead near2 out)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:44
S66	51	((increas\$4 add\$4) with ((buffer dummy) near2 (area zone sector data))) same (lead near2 out)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 17:02
S67	9	multisession and (second near2 layer) and (dummy buffer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 17:44
S68	1206141	(outer outermost outlying outmost outward exterior) near2 (circumferential edge boundary circumference peripher\$3 threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 17:46

S69	0	multisession and ((dummy buffer) with S68)	US_PGPUB; USPAT; USOOR; FFPR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 17:46
S70	3967	((dummy buffer) with S68)	US_PGPUB; USPAT; USOOR; FFPR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 17:46
S71	8	(second near2 session) and S70	US_PGPUB; USPAT; USOOR; FFPR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 17:47
S72	8	("20030081535" "5881032" "5966721" "6072759" "6370091" "6424614" "6801494" "7184377").PN	US_PGPUB; USPAT; USOOR	OR	OFF	2009/10/28 17:48
S73	7259	((dummy buffer) same S68)	US_PGPUB; USPAT; USOOR; FFPR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 17:52
S74	9	(second near2 session) and S73	US_PGPUB; USPAT; USOOR; FFPR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 17:52
S75	236	(OTP (opposite near2 track near2 path)) and (middle near2 (data area)) and (dummy buffer) and (finalization finalize clos\$4)	US_PGPUB; USPAT; USOOR; FFPR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/08 12:11
S76	178	(OTP (opposite near2 track near2 path)) and (middle near2 (data area)) and ((writ\$4 record\$4) near4 (dummy buffer)) and (finalization finalize clos\$4)	US_PGPUB; USPAT; USOOR; FFPR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/08 12:13

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